

## Message

**From:** Phelps, Lara (she/her/hers) [Phelps.Lara@epa.gov]  
**Sent:** 3/28/2023 8:02:55 PM  
**To:** Hagler, Gayle [Hagler.Gayle@epa.gov]; Vette, Alan [Vette.Alan@epa.gov]  
**CC:** Gullett, Brian [Gullett.Brian@epa.gov]; George, Ingrid [George.Ingrid@epa.gov]; Hays, Michael (he/him/his) [Hays.Michael@epa.gov]; Gilliland, Alice [Gilliland.Alice@epa.gov]  
**Subject:** RE: Potential CEMM data folks for EP air data analysis

Hi Gayle –

Mike and I talked about offering Megan or Carry to help, but wondered about the possibility of looping in Farnaz for this relatively quick turn-around, shorter term need too. Megan or Carry would benefit from establishing some interactions with her, which would also be positive. Let us know if one of them would be helpful.

Thanks!

Lara



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**From:** Hagler, Gayle <Hagler.Gayle@epa.gov>  
**Sent:** Tuesday, March 28, 2023 2:13 PM  
**To:** Vette, Alan <Vette.Alan@epa.gov>; Phelps, Lara (she/her/hers) <Phelps.Lara@epa.gov>  
**Cc:** Gullett, Brian <Gullett.Brian@epa.gov>; George, Ingrid <George.Ingrid@epa.gov>; Hays, Michael (he/him/his) <Hays.Michael@epa.gov>; Gilliland, Alice <Gilliland.Alice@epa.gov>  
**Subject:** Potential CEMM data folks for EP air data analysis  
**Importance:** High

Hi Alan and Lara,

Ingrid, Brian, and I attended a call today regarding analysis of air monitoring data collected to date in the East Palestine incident.

This dataset would likely include the following, at varying time durations/intervals since the incident began in early February:

- TAGA mobile monitoring data
- Canister samples
- Sorbent tube samples
- Meteorological data
- *Possibly* in-home monitoring data

CEMM has the best knowledge base to interpret this data. A key skill set we'd need to add to the team, beyond Ingrid and Brian's expertise, would be data analytics/visualization for what will be a large multi-faceted data set. The anticipated window for this activity – likely to initiate this week and be at a fast pace, with the goal of informing the Region's public messaging about site observations. The types of analyses would likely include spatiotemporal and wind-directional analyses of the combined data set and statistical summarization.

**Please let me know by noon tomorrow if you identify any researchers who have capacity / skill to jump into this short intensive activity.** I can also ask this of other divisions and Centers, if needed. Starting with your divisions as having air quality + data knowledge is the best fit.

Thanks,  
Gayle

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